



United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

September 9, 2015

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6001
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Hardin, Montana
Attention: MT-300: Tom Tauscher
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6040
Assistant Superintendent, National Park Service, Lovell, Wyoming
Attention: Valerie Newman

From: Reservoir and River Operations, Billings, Montana /s/ Tim H. Felchle

Subject: **Yellowtail Water Release Order - BHR No. 15-77**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3637.49 feet; Storage: 989,973 acre-feet; River Release: 2,500 cfs; Inflow: 2,550 cfs;

GENERAL COMMENTS:

Power generation and other stream gaging sites indicate actual river flows are lower than anticipated. In response, the following operation change is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Wednesday, September 9, 2015:

Maintain average daily turbine release at 2,730 cfs (\approx 1,730 MW-Hours/day using 37.9 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Wednesday, September 9, 2015:

Maintain diversion to Bighorn Canal at 300 cfs (gage height = 74.00 with a -1.52 ft shift).

Maintain river release at 2,500 cfs (increase gage height to 61.70 & apply new shift of -1.70 ft).

Maintain total release from the Afterbay at 2,800 cfs.